



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/821,231  
Source: IFW/O  
Date Processed by STIC: 11/12/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

~~TO REDUCE~~ ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/821,231

DATE: 11/12/2004

TIME: 11:37:09

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\11122004\J821231.raw

3 <110> APPLICANT: test, test → ? - delete Dongmao Zhang  
 5 <120> TITLE OF INVENTION: Process and Apparatus for Segregation and Testing by Spectral Analysis of  
 6 Solid Deposits Derived From Liquid Mixtures  
 8 <130> FILE REFERENCE: 12264/017  
 10 <140> CURRENT APPLICATION NUMBER: 10/821231  
 11 <141> CURRENT FILING DATE: 2004-04-08  
 13 <150> PRIOR APPLICATION NUMBER: us 60/462083  
 14 <151> PRIOR FILING DATE: 2003-04-11  
 16 <150> PRIOR APPLICATION NUMBER: us 60/462472  
 17 <151> PRIOR FILING DATE: 2003-04-11  
 19 <150> PRIOR APPLICATION NUMBER: us 60/490057  
 20 <151> PRIOR FILING DATE: 2003-07-25  
 22 <150> PRIOR APPLICATION NUMBER: us 60/554701  
 23 <151> PRIOR FILING DATE: 2004-03-19  
 25 <150> PRIOR APPLICATION NUMBER: us 60/551311  
 26 <151> PRIOR FILING DATE: 2004-03-08  
 28 <160> NUMBER OF SEQ ID NOS: 1  
 30 <170> SOFTWARE: PatentIn version 3.3

Does Not Comply  
 Corrected Diskette Needed

pp 1-4

## ERRORED SEQUENCES

32 <210> SEQ ID NO: 1  
 33 <211> LENGTH: 535 537 shown (p.3)  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: Homo sapiens  
 37 <400> SEQUENCE: 1  
 39 Met Gly Ser Asn Lys Ser Lys Pro Lys Asp Ala Ser Gln Arg Arg Arg  
 40 1 5 10 15  
 43 Ser Leu Glu Pro Ala Glu Asn Val His Gly Ala Gly Gly Ala Phe  
 44 20 25 30  
 47 Pro Ala Ser Gln Thr Pro Ser Lys Pro Ala Ser Ala Asp Gly His Arg  
 48 35 40 45  
 51 Gly Pro Ser Ala Ala Phe Ala Pro Ala Ala Ala Glu Pro Lys Leu Phe  
 52 50 55 60  
 55 Gly Gly Phe Asn Ser Ser Asp Thr Val Thr Ser Pro Gln Arg Ala Gly  
 56 65 70 75 80  
 59 Pro Leu Ala Gly Gly Val Thr Thr Phe Val Ala Leu Tyr Asp Tyr Glu  
 60 85 90 95  
 63 Ser Arg Thr Glu Thr Asp Leu Ser Phe Lys Lys Gly Glu Arg Leu Gln  
 64 100 105 110  
 67 Ile Val Asn Asn Thr Glu Gly Asp Trp Trp Leu Ala His Ser Leu Ser  
 68 115 120 125

see p.2, too

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```

71 Thr Gly Gln Thr Gly Tyr Ile Pro Ser Asn Tyr Val Ala Pro Ser Asp
72      130                      135                      140
75 Ser Ile Gln Ala Glu Glu Trp Tyr Phe Gly Lys Ile Thr Arg Arg Glu
76 145                      150                      155                      160
79 Ser Glu Arg Leu Leu Leu Asn Ala Glu Asn Pro Arg Gly Thr Phe Leu
80                      165                      170                      175
83 Val Arg Glu Ser Glu Thr Thr Lys Gly Ala Tyr Cys Leu Ser Val Ser
84                      180                      185                      190
87 Asp Phe Asp Asn Ala Lys Gly Leu Asn Val Lys His Tyr Lys Ile Arg
88      195                      200                      205
91 Lys Leu Asp Ser Gly Gly Phe Tyr Ile Thr Ser Arg Thr Gln Phe Asn
92      210                      215                      220
95 Ser Leu Gln Gln Leu Val Ala Tyr Tyr Ser Lys His Ala Asp Gly Leu
96 225                      230                      235                      240
99 Cys His Arg Leu Thr Thr Val Cys Pro Thr Ser Lys Pro Gln Thr Gln
100                      245                      250                      255
103 Gly Leu Ala Lys Asp Ala Trp Glu Ile Pro Arg Glu Ser Leu Arg Leu
104                      260                      265                      270
107 Glu Val Lys Leu Gly Gln Gly Cys Phe Gly Glu Val Trp Met Gly Thr
108                      275                      280                      285
111 Trp Asn Gly Thr Thr Arg Val Ala Ile Lys Thr Leu Lys Pro Gly Thr
112      290                      295                      300
115 Met Ser Pro Glu Ala Phe Leu Gln Glu Ala Gln Val Met Lys Lys Leu
116 305                      310                      315                      320
119 Arg His Glu Lys Leu Val Gln Leu Tyr Ala Val Val Ser Glu Glu Pro
120                      325                      330                      335
123 Ile Tyr Ile Val Thr Glu Tyr Met Ser Lys Gly Ser Leu Leu Asp Phe
124                      340                      345                      350
127 Leu Lys Gly Glu Thr Gly Lys Tyr Leu Arg Leu Pro Gln Leu Val Asp
128                      355                      360                      365
131 Met Ala Ala Gln Ile Ala Ser Gly Met Ala Tyr Val Glu Arg Met Asn
132      370                      375                      380
135 Tyr Val His Arg Asp Leu Arg Ala Ala Asn Ile Leu Val Gly Glu Asn
136 385                      390                      395                      400
139 Leu Val Cys Lys Val Ala Asp Phe Gly Leu Ala Arg Leu Ile Glu Asp
140                      405                      410                      415
143 Asn Glu Tyr Thr Ala Arg Gln Gly Ala Lys Phe Pro Ile Lys Trp Thr
144                      420                      425                      430
147 Ala Pro Glu Ala Ala Leu Tyr Gly Arg Phe Thr Ile Lys Ser Asp Val
148                      435                      440                      445
151 Trp Ser Phe Gly Ile Leu Leu Thr Glu Leu Thr Thr Lys Gly Arg Val
152      450                      455                      460
155 Pro Tyr Pro Gly Met Val Asn Arg Glu Val Leu Asp Gln Val Glu Arg
156 465                      470                      475                      480
159 Gly Tyr Arg Met Pro Cys Pro Pro Glu Cys Pro Glu Ser Leu His Asp
160                      485                      490                      495
163 Leu Met Cys Gln Cys Trp Arg Lys Glu Pro Glu Glu Arg Pro Thr Phe
164                      500                      505                      510
167 Glu Tyr Leu Gln Ala Phe Leu Glu Asp Tyr Phe Thr Ser Thr Glu Pro Gln

```

move this  
to next  
line.

Per sequence rules,  
a MAXIMUM of 16  
amino acids per line.

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168	515	520	525
171	Gln Tyr Gln Pro Gly Glu Asn Leu		
E--> 172	<del>530</del> <del>530</del>	<del>535</del> <del>535</del>	

*numbering is incorrect*

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/821,231

DATE: 11/12/2004  
TIME: 11:37:10

FYI

Input Set : A:\pto.lm.txt  
Output Set: N:\CRF4\11122004\J821231.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/821,231

DATE: 11/12/2004

TIME: 11:37:10

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\11122004\J821231.raw

L:172 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1

L:172 M:252 E: No. of Seq. differs, <211> LENGTH:Input:535 Found:537 SEQ:1